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ARCTIC RED RIVER, N.W.T.
SNOW AND ICE INFORMATION

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MANAGEMENT PERSPECTIVE

The National Hydrology Research Institute is a primary Canadian centre of information on snow and ice. Through the Glacier Inventory Project, information on glaciers across Canada has been compiled and is made available on request. This report responds to a request for information on glaciers at the headwaters of the Arctic Red River, needed as part of the review process being undertaken prior to its designation as a Heritage River. Information contained herein relates not only to the glaciers but also to glaciological studies done in the vicinity and on the river itself.

ABSTRACT

This report responds to a request from the Heritage River Planning Office reviewing designation of the Arctic Red River. It contains a bibliography of papers relating to the Arctic Red River, the Mackenzie Mountains, the Backbone Ranges and the Selwyn Ranges. This is accompanied by a short narrative that describes the paucity of information on glaciers in the area and the organization of the references.

FOREWORD

According to the information on file at the National Hydrology Research Institute (NHRI), there is no information currently available on glaciers in the headwaters of the Arctic Red River. Indeed specific information on glaciers in the Selwyn and Mackenzie Mountains and the Backbone Ranges is lacking. Some glacial geological studies have been undertaken in the area and these may contain some information on contemporary and past ice covers.

To aid in the assessment being undertaken by the Arctic Red River Heritage River Planning Office, snow and ice bibliographies at NHRI dating back to 1975 have been searched. The references retrieved are listed in the following pages. An alphabetic code has been used to identify the locations covered by the references, as follows:

[A] = Arctic Red River

[B] = Backbone Ranges

[M] = Mackenzie Mountains

[S] = Selwyn Ranges

The citations fall within the general glaciological subject areas of glacial geology, floating ice, permafrost and snow.

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